

SOME PROCTOTRYPOID EGG-PARASITES OF SUGAR-CANE INSECTS IN JAVA.

BY ALLAN P. DODD, NELSON, N. Q.,
AUSTRALIA.

In a small collection of egg-parasites received from Mr. P. van der Goot, Entomologist, Javan Sugar Experiment Station, Pasoeroean, Java, were three vials containing Proctotrypoidea as follows:—

No. 1.—"Bred from the eggs of *Diatrea striatalis*. Described by Dr. Zehnter as *Ceraphron beneficiens* Zehnter." In "Des Zuckerrohrund seine Kultur," Kruger, 1899, p. 350, *Ceraphron beneficiens* Zehnter is figured. The specimens received agree entirely with this figure, and I have no doubt the specimens received by me are Zehnter's *Ceraphron beneficiens*. This species is not a *Ceraphron*, but belongs to the family *Scelionidæ*, subfamily *Telenominæ*, genus *Phanurus* Thomson, and should, therefore, be known as *Phanurus beneficiens* Zehnter.

No. 7.—"Reared from eggs of an unknown moth on leaves of sugarcane." These parasites are the same as the foregoing, namely *Phanurus beneficiens* Zehnter.

No. 5.—"Reared from eggs found on sugarcane; eggs enclosed." The eggs are probably those of a *Pentatomid*. The parasite is herewith described:—

Family *Scelionidæ*.

Subfamily *Telenominæ*.

Genus *Telenomus* Haliday.

1. *Telenomus saccharalis*, sp. nov.

Female—Length 0.55 mm; very small for the genus. Coal black, legs and antennæ golden yellow, last four antennal joints dusky yellow.

Antennæ 11-jointed, scape slender, equal to combined length of pedicel and funicle joints; pedicel much wider and longer than each funicle joint; funicle joints small; first and second funicle joints subequal, longer than wide; third shorter; fourth as wide as long; fifth transverse; club 4-jointed, much wider than funicle, its joints much wider than long, second the widest.

August, 1914.

Forewings narrow, hyaline; when closed extending beyond tip of the abdomen; marginal cilia long, equal to one-third greatest wing width; the discal cilia very fine and dense; submarginal vein attaining the costa at about two-fifths wing length; the marginal vein nearly as long as the stigmal which is oblique, knobbed at tip; the postmarginal twice as long as the stigmal.

Abdomen much narrower and shorter than the thorax.

(From one specimen, two-thirds inch objective, one inch optic, Bausch and Lomb.)

Male—Antennæ 12-jointed, first and second funicle joints small, a little longer than wide; third distinctly longer, as long as pedicel; fourth and fifth subequal, as wide as long; six-nine subequal, wider than long; last joint as long as pedicel.

The male type has the fifth and sixth funicle joints of one antenna, and the sixth and seventh of the other united in one joint.

(From one specimen, same magnification). Described from a ♂ and a ♀, labeled as above.

Habitat—Java.

Host—Eggs of a Pentatomid (?).

Types—In the Queensland Museum, Brisbane, Q'ld, a male and a female on a slide together.

DEPARTMENT OF ENTOMOLOGY—ONTARIO AGRICULTURAL COLLEGE, GUELPH.

After a long connection with the College, extending from his student days to the present year, Mr. Tennyson D. Jarvis has resigned his position as Associate Professor of Entomology and Zoology. He is now living at Grimsby East and devoting himself to the cultivation of a fruit farm. In consequence of this change, the following appointments have been made: Mr. Lawson Caesar, Provincial Entomologist, promoted to be Associate Professor; Mr. A. W. Baker to be Lecturer, and Mr. G. J. Spencer to be Demonstrator. These gentlemen are all graduates of the College and have received the degree of B.S.A. from the University of Toronto.

C. J. S. B.